

224.04. CONSTRUCTION METHODS.

Construct sediment filters in accordance with standard designs as soon as the inlets are completed sufficiently to receive runoff water; place these at locations shown on the Plans or determined by the Engineer.

Place bales for types 1-A and 1-B—staked tightly together—in such a manner as to cause the waterflow to be slowed and go over the bales, prior to entering the inlet.

Place nonerodible filter material shown for type II around the inlet—between the inlet and the flow of water. Place this material in such a manner that the water will be slowed and then flow over and through the material prior to entering the inlet.

Keep the filters (bales or other materials) in good condition by repairing any damage or break in the filters immediately. Removal of silt, when specified by the Engineer, shall be measured and paid for in accordance with Section 226.

Sediment filters may be removed as determined by the Engineer.

224.05. METHOD OF MEASUREMENT.

Temporary sediment filters will be measured by the number of units in place.

224.06. BASIS OF PAYMENT.

Accepted sediment filters, measured as provided above, will be paid for at the contract unit price bid for as follows:

TEMPORARY SEDIMENT FILTER..... EACH

Such payment shall be full compensation for furnishing all materials, labor, equipment, and incidentals to complete the work as specified.

SECTION 225 TEMPORARY SEDIMENT CONTROL BASINS

225.01. DESCRIPTION.

This work shall consist of the construction, maintenance, and removal of temporary sediment basins at locations shown on the Plans or determined by the Engineer. The approximate size, shape, and type shown on the Plans may vary depending on the soil type, the drainage area, and available right-of-way at the exact construction locations selected by the Engineer.

225.02. MATERIALS.

For both the inlet and outlet flows of the sediment basins, use (a) loose rock of sufficient size to withstand anticipated water velocity displacement or (b) other nonerodible materials approved by the Engineer. When type I sediment basins are specified, the outflow pipe shall be at least a 300 millimeter pipe installed in a manner approved by the Engineer.

225.04. CONSTRUCTION METHODS.

Shape inlets to confine the water to the defined channel as it enters the basin. Construct outlets to slow the velocity of water so sediment will be retained in the sediment basin. Use excavated material on the sediment basin dikes, or stockpile it, as directed by the Engineer.

Maintain sediment basins until permanent erosion control has been completed and is effectively operational. Sediment removal, when specified by the Engineer, will be measured for payment in accordance with Section 226.

225.05. METHOD OF MEASUREMENT.

Temporary sediment basins will be measured by the number of units constructed as specified above. Inlets and outlets will be considered an integral part of the basin.

225.06. BASIS OF PAYMENT.

Accepted sediment basins, measured as provided above, will be paid for at the contract unit price for the following:

TEMPORARY SEDIMENT BASIN EACH

Such payment shall be full compensation for furnishing all materials, labor, equipment and incidentals to complete the work as specified.

SECTION 226 TEMPORARY SEDIMENT REMOVAL

226.01. DESCRIPTION

This work shall consist of removing sediment which has become trapped by the various temporary or permanent erosion and sediment control devices.

226.04. CONSTRUCTION METHODS.

Sediment shall be removed at the direction of the Engineer from the control devices. After sediment removal has been completed, the control device shall be left in the operable condition for which it was designed. Any damage to the control devices shall be replaced at no cost to the Department. Materials removed shall be disposed of at locations and in a manner approved by the Engineer.

226.05. METHOD OF MEASUREMENT.

The number of times that the sediment needs to be removed will be determined by the Engineer. Measure sediment removal by the cubic yards (cubic meters) of material removed and disposed of in an approved manner.

226.06. BASIS OF PAYMENT.

Accepted sediment removal, measured as provided above, will be paid for at the contract unit price bid for as follows:

TEMPORARY SEDIMENT REMOVAL CUBIC YARD (CUBIC METER)

Such payment shall be full compensation for furnishing all materials, labor, equipment and incidentals to complete the work as specified.